**Warranty Registration:** register online today for a chance to win a FREE Tripp Lite product—www.tripplite.com/warranty

# Quick Start Guide

## ECO-Surge™ Suppressors

### Model: AV10IRG

This document explains the most important features of your surge suppressor. For additional information, download the Owner's Manual PDF from **www.tripplite.com/support/manuals**

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TRIPP·LITE
POWER PROTECTION


1111 W. 35th Street, Chicago, IL 60609 USA
www.tripplite.com/support

## Important Safety Instructions

### SAVE THESE INSTRUCTIONS

**CAUTION! DO NOT connect to an ungrounded outlet. DO NOT use with 2-wire extension cords or adapters. This surge suppressor is designed for indoor use only. Install the surge suppressor away from heat-emitting appliances such as radiators or heat registers. Do not install where excessive moisture is present. Do not plug extension cords into it. Never install electrical, telephone, network or coaxial wiring during a lightning storm. Do not drill into any part of the housing or open the housing for any reason. There are no user-serviceable parts inside.**

## Installation

**Connect Your Surge Suppressor to the AC Power Line:** Plug the surge suppressor's power cord into a standard, 3-wire, grounded, 120V AC outlet. Once plugged in, the unit will be powered. There is no power control button or function for this surge suppressor.

**Check Your Surge Suppressor's Diagnostic Indicator Lights:** Check the diagnostic LEDs prior to connecting your equipment. They will indicate various operating conditions when the surge suppressor is plugged into a live 120V AC outlet.

**AC POWER LED (Red):** Indicates the power status (ON/OFF) of the unit.

**"PROTECTED" LED (Green):** Indicates the surge suppression components are intact and providing complete protection against surges. If this LED does not illuminate, some of the surge suppression components are not functioning, and the unit should be replaced. Visit www.tripplite.com/support for more information.

**"GROUNDED" LED (Red):** Indicates wall outlet is grounded and surge protection can properly function. If this light DOES NOT illuminate and power is present, consult a qualified electrician to examine your outlet's wiring.

**"STATUS" LEDs (Green):** Indicate that AC power is present in that "Always On" outlet.

**IR LED (Blue):** Indicates that the unit is receiving a signal from your remote.

**Connect Your Equipment to the Surge Suppressor's Appropriate AC Outlets:** Plug your equipment's power cords into the surge suppressor's AC outlets. DO NOT plug in extension cords. DO NOT OVERLOAD the surge suppressor's outlets. The surge suppressor can accommodate a total equipment load of up to 15 amps (whether plugged into a single outlet or spread out over multiple outlets). If the load on the surge suppressor exceeds 15 amps, the circuit breaker will trip and the outlets will stop providing power. If the circuit breaker trips, reduce the load by unplugging some devices. Depress the circuit breaker reset button to reset.



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## Installation continued

**IMPORTANT CONNECTION NOTES**

It is important to note that your surge suppressor has "Power Save" and "Always On" outlets. "Power Save" outlets will have AC power cut to them approximately 3 minutes after the GREEN "Power Save" technology detects that total power consumption in the "Power Save" outlets has dropped 70%. "Power Save" outlets are recommended for intermittent-use devices such as TVs, receivers, monitors, printers, scanners, lamps, DVD players, gaming consoles, amplifiers and speaker systems.

"Always On" outlets provide continuous power even after the "Power Save" outlets are turned OFF. These outlets are recommended for critical devices such as modems, routers, external drives, cordless phones, fax machines, DVRs (TiVo®), cable and satellite boxes.

**Connect Your Equipment to the Surge Suppressor's Phone Jacks (Optional Installation):** Connect a phone cable from the wall jack directly to the surge suppressor's RJ-style phone jack labeled "IN." Connect a phone cable from the surge suppressor's RJ-style phone jack labeled "OUT" directly to the device to be protected. All models with phone line surge protection protect devices on a single line only. The surge suppressor must always be the first item connected in line from the wall jack. The surge suppressor must be plugged into a 3-wire, grounded AC outlet for phone line surge protection to work.

**Connect Your Equipment to the Surge Suppressor's Network Jacks* (Optional Installation):** Connect a data cord from the wall jack or cable/DSL modem directly to the surge suppressor's network jack labeled "IN." Connect a data cord from the surge suppressor's network jack labeled "OUT" directly to the device to be protected (typically a computer's network interface card). The surge suppressor must always be the first item connected in line from the Ethernet source (typically a wall jack). The surge suppressor must be plugged into a 3-wire grounded AC outlet for network line surge protection to work.

* 10/100 BaseT/TX, Token Ring. Not compatible with PoE (Power Over Ethernet) applications.

**Connect Your Equipment to the Surge Suppressor's Coaxial Jacks (Optional Installation):** Connect a coaxial cable from the wall jack directly to the surge suppressor's "F"-style coaxial jack labeled "IN." Connect a coaxial cable from the surge suppressor's "F"-style coaxial jack labeled "OUT" directly to the device to be protected. Select models include a second set of coaxial jacks for simultaneous connection and protection of devices on two separate lines (cable, antenna or satellite). The surge suppressor must always be the first item connected in line from the coaxial wall jack. The surge suppressor must be plugged into a 3-wire grounded AC outlet for coaxial line surge protection to work.



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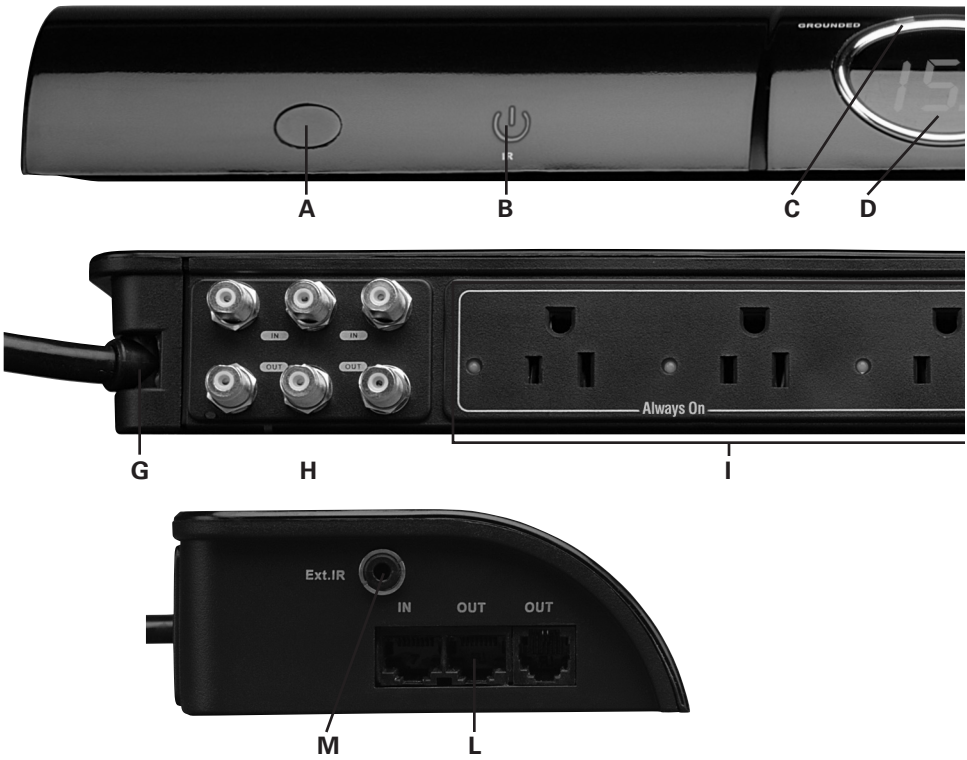
## Features




**A IR RECEIVER**
Receives the signal from your remote to power on the GREEN "Power Save" outlets.

**B IR LED (Blue)**
Indicates that remote signal is being received.

**C "GROUNDED" LED (Red)**
Assures that wall outlet is grounded and surge protection can function.

**D LED PANEL**
Shows real-time amperage readings for the 7 "Power Save" outlets, helping avoid power overloads.

**E "PROTECTED" LED (Green)**
Assures that surge protection is present. If this LED ever goes out, Tripp Lite will replace your surge suppressor under warranty at no charge!

**F AC POWER LED (Red)**
Indicates the ON/OFF status of the ECO-Surge Suppressor.

**G CONVENIENT 8-FOOT SWIVELING POWER CORD**
Swivels on an angle to reach around corners or other obstacles to access distant outlets.



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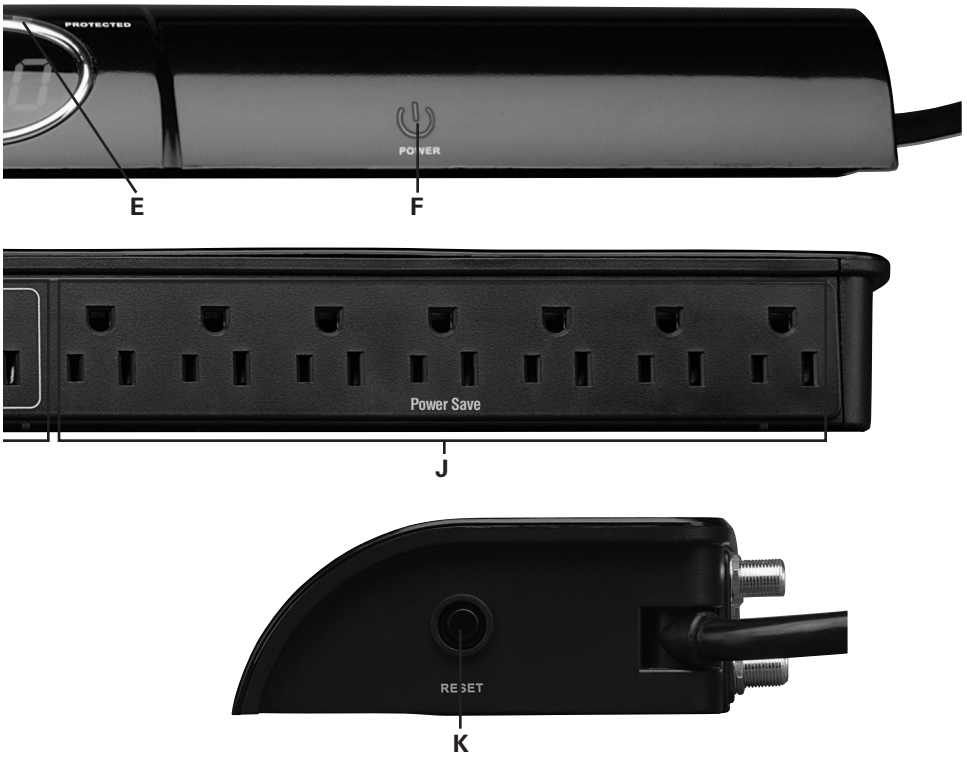


**H HD 2.2 Ghz COAX JACKS (3 LINE)**
Three sets of gold coaxial "F" connectors protect components on satellite, cable or antenna lines.

**I "ALWAYS ON" OUTLETS (3 with GREEN STATUS LEDs)**
Provide continuous power to devices like DVRs (TiVo®), cable and satellite boxes. LEDs illuminate to indicate that power is present.

**J "POWER SAVE" OUTLETS (7)**
Have AC power cut to idle components when turned off by GREEN "Power Save" technology—perfect for intermittent-use components like DVD players, gaming consoles, amplifiers and speaker systems.

**K RESETTABLE CIRCUIT BREAKER**
Protects the unit and your equipment against dangerous system overload.

**L TEL/MODEM/NETWORK JACKS (1 Line)**
Provide protection for Digital Video Recorders (TiVo) and other components on a single pay-per-view, dial-up or Ethernet line.

**M IR EXTENSION JACK**
Works with an optional cord and small receiver to extend your IR transmission distance. (Not included—go to www.tripplite.com for ordering details.)



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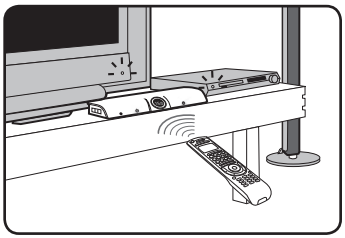
## Operation

**1** Plug the AV10IRG into an appropriate AC power source. By plugging in the unit, you have powered it ON (there is no ON/OFF function button to press). Power will now be supplied to the 3 “Always On” outlets and any components plugged into them can be turned ON. Each “Always On” outlet’s corresponding LED will illuminate.

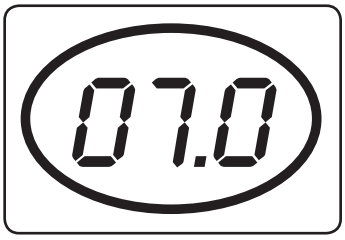
**2** Use any IR remote to turn ON the GREEN “Power Save” outlets. Like a gate being opened, AC power is now present in the 7 “Power Save” outlets.



**IMPORTANT IR REMOTE NOTE:** Any standard IR remote will work with the AV10IRG. There is absolutely no need for additional programming of this remote as long as it is a standard IR remote.

**3** Once the GREEN “Power Save” outlets have been powered ON, any components plugged into these outlets can be switched ON, using your master remote, their individual remote controls or manually.

**4** After plugging the unit in and plugging in devices to the “Power Save” outlets, you will notice that the blue LED panel will display an amperage reading, based on the connected load, from the 7 “Power Save” outlets. DO NOT OVERLOAD the surge suppressor with more than 15 amps! If the LED panel or any of the LEDs do not operate, visit www.tripplite.com/support.




DO NOT EXCEED 15 AMPS.

Note: If the surge suppressor is overloaded with more than 15 amps, the circuit breaker will trip. Reduce the load connected to the surge suppressor and press in the circuit breaker reset button located on the side panel to reset the system.



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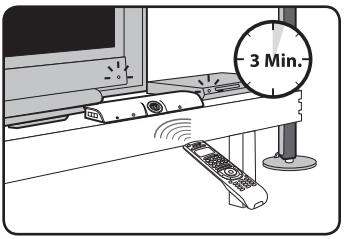
**5** To activate the GREEN "Power Save" function, simply turn OFF components plugged into the "Power Save" outlets. The surge suppressor's technology will close the gate that provides AC power to these outlets approximately 3 minutes after it detects a 70% drop in power consumption. Once this gate has closed, power is no longer present in the "Power Save" outlets and phantom loads (wasted electricity) have been eliminated.




NOTE: You can turn peripherals plugged into "Power Save" outlets OFF at any time, however AC power will continue to flow to these outlets until three minutes after the GREEN technology detects a 70% drop in total power consumption. Power is continuously provided to "Always On" outlets until the AV10IRG is unplugged.



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**WARRANTY REGISTRATION**
Visit www.tripplite.com/warranty today to register the warranty for your new Tripp Lite product. You'll be automatically entered into a drawing for a chance to win a FREE Tripp Lite product!*

* No purchase necessary. Void where prohibited. Some restrictions apply. See website for details.

**Regulatory Compliance Identification Numbers**
For the purpose of regulatory compliance certifications and identification, your Tripp Lite product has been assigned a unique series number. The series number can be found on the product nameplate label, along with all required approval markings and information. When requesting compliance information for this product, always refer to the series number. The series number should not be confused with the marking name or model number of the product.

**Warning!**
Use of this equipment in life support applications where failure of this equipment can reasonably be expected to cause the failure of the life support equipment or to significantly affect its safety or effectiveness is not recommended. Do not use this equipment in the presence of a flammable anesthetic mixture with air, oxygen or nitrous oxide.

**FCC Part 68 Notice (United States Only)**
If your Modem/Fax Protection causes harm to the telephone network, the telephone company may temporarily discontinue your service. If possible, they will notify you in advance. If advance notice isn't practical, you will be notified as soon as possible. You will be advised of your right to file a complaint with the FCC. Your telephone company may make changes in its facilities, equipment, operations or procedures that could affect the proper operation of your equipment. If it does, you will be given advance notice to give you an opportunity to maintain uninterrupted service. If you experience trouble with this equipment's Modem/Fax Protection, please visit www.tripplite.com/support for repair/warranty information. The telephone company may ask you to disconnect this equipment from the network until the problem has been corrected or you are sure the equipment is not malfunctioning. There are no repairs that can be made by the customer to the Modem/Fax Protection. This equipment may not be used on coin service provided by the telephone company. Connection to party lines is subject to state tariffs. (Contact your state public utility commission or corporation commission for information.)

Tripp Lite follows a policy of continuous improvement. Product specifications are subject to change without notice.

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